

ORIGINAL
(Red)

To: EPA5511
To: EPA93028
To: EPA9340
To: EPA9374
From: EPA9323 Delivered: Tue 23-July-91 8:37
EDT Sys 163 (53)
Subject: COKE PLANT SITE - POLREP #1
Mail Id: IPM-163-910723-077650779

POLREP #1
COKE PLANT SITE
ROUTE 2
FOLLANSBEE, COUNTY, WV 26037

ATTN: CHARLIE KLEEMAN, GREGG CRYSTALL AND STEPHEN LUFTIG

I. SITUATION (1200 HOURS, MONDAY, JULY 22, 1991)

- A. FOR APPROXIMATELY TWO WEEKS A LIGHT SHEEN HAS BEEN PRESENT AROUND OUTFALL 001 ON THE OHIO RIVER AT THE WHEELING PITTSBURGH STEEL COKE PLANT LOCATED IN FOLLANSBEE, WV. ON FRIDAY 7/19/91, 1600 HOURS, A MORE SUBSTANTIAL AMOUNT OF OILLIKE SUBSTANCE WAS FOUND THROUGHOUT THE SAME AREA. WHEELING PITTSBURGH IMMEDIATELY CONTRACTED MPW INDUSTRIAL SERVICES, LOCATED IN PITTSBURGH, PA, TO DEPLOY BOTH SORBENT AND CONTAINMENT BOOMS. THE CHESTER ENGINEERS, A PRIVATE CONTRACTOR ON SITE FOR ANOTHER PURPOSE AT THE FACILITY, WAS TASKED TO IDENTIFY THE SOURCE.
- B. OSC FENSKE WAS NOTIFIED OF THE SITUATION, AND DIRECTED TAT TO REVIEW THE MEASURES TAKEN BY WHEELING PITTSBURGH STEEL ON SATURDAY 7/20/91.

II. ACTIONS TAKEN

- A. 7/20/91, 1240 HOURS, TAT ARRIVED ON SITE AND MET WITH ED GLENN (AREA SUPERVISOR OF BY-PRODUCTS DIVISION). MR. GLENN UPDATED TAT REGARDING THE BACKGROUND OF THE RELEASE.
- B. TAT AND MR. GLENN PROCEEDED TO OUTFALL AREA. TAT OBSERVED AND PHOTODOCUMENTED A SHEEN ALONG THE LEFT DESCENDING BANK OF THE OHIO RIVER. CONTAINMENT AND SORBENT BOOMS WERE PLACED TO CONTAIN AND COLLECT THE SHEEN. MR. GLENN INFORMED TAT THAT MPW WOULD PAD THE AREAS IN WHICH HEAVIER CONTAMINATION WAS FOUND AGAINST

THE CONTAINMENT BOOM. ALTHOUGH THE OUTFALL DID NOT APPEAR TO BE RELEASING MORE OF THE SUBSTANCE AT THAT TIME, A SOURCE HAD NOT YET BEEN IDENTIFIED. TAT NOTED THAT THE BOOMS WERE ADEQUATELY CONTAINING THE SHEEN AND THAT NO SHEEN WAS OBSERVED DOWNSTREAM OF THE SITE.

- C. BEFORE DEPARTING THE SITE AT 1600 HOURS, TAT CONVEYED TO MR. GLENN PER OSC FENSKE'S REQUEST, THE IMMINENT NATURE OF LOCATING THE SOURCE AND THE OSC'S INTENTIONS OF CONTACTING WHEELING PITTSBURGH STEEL FOR AN UPDATE ON MONDAY, 7/22/91.

III. FUTURE PLANS

- A. WHEELING PITTSBURGH STEEL TO CONTINUE MAINTAINING BOOMS AND PADS WHILE THE SOURCE SEARCH IS BEING CONDUCTED.
- B. OSC AND TAT TO CONTINUE MONITORING THE SITE UNTIL THE SOURCE IS IDENTIFIED AND MITIGATIVE ACTIONS ARE TAKEN.

JAMIE FENSKE, OSC
U.S. EPA - REGION III
WHEELING, WV

EPA Notification of Hazardous Waste Site

United States
Environmental Protection
Agency
Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

AL
(Red)

810604

WVS-000-001-015

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Wheeling-Pittsburgh Steel Corporation
Street P. O. Box 118
City Pittsburgh State PA Zip Code 15230

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Wheeling-Pittsburgh Steel Corp
Steubenville East Plant
Street Route 2
City Follansbee County Brooke State W.Va. Zip Code 26003

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person contact regarding information submitted on this form.

Name (Last, First and Title) Samples, William R. - Corporate Manager
Phone 304/234-2936
Environmental Control

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) Pre-1965 To (Year) 1980 (for K087)
Site continues to be used for disposal of other materials.

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:

Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

- 1. ☐ Organics
- 2. ☐ Inorganics
- 3. ☐ Solvents
- 4. ☐ Pesticides
- 5. ☐ Heavy metals
- 6. ☐ Acids
- 7. ☐ Bases
- 8. ☐ PCBs
- 9. ☐ Mixed Municipal Waste
- 10. ☐ Unknown
- 11. ☐ Other (Specify)

Source of Waste:

Place an X in the appropriate boxes.

- 1. ☐ Mining
- 2. ☐ Construction
- 3. ☐ Textiles
- 4. ☐ Fertilizer
- 5. ☐ Paper/Printing
- 6. ☐ Leather Tanning
- 7. ☐ Iron/Steel Foundry
- 8. ☐ Chemical, General
- 9. ☐ Plating/Polishing
- 10. ☐ Military/Ammunition
- 11. ☐ Electrical Conductors
- 12. ☐ Transformers
- 13. ☐ Utility Companies
- 14. ☐ Sanitary/Refuse
- 15. ☐ Photofinish
- 16. ☐ Lab/Hospital
- 17. ☐ Unknown
- 18. ☐ Other (Specify)

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:

EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

K087		

RECEIVED
RCRA SECTION
EPA REGION III
JUN 1981 000032

Notification of Hazardous Waste Site

Side Two

F Waste Quantity:

ORIGINAL (Red) Place an X in the appropriate boxes to indicate the facility types found at the site. In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

Facility Type

1. ☐ Piles
2. ☐ Land Treatment
3. ☒ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☐ Other (Specify) _____

Total Facility Waste Amountcubic feet Not Available

gallons _____

Total Facility Area

square feet _____

acres 4 A**G Known, Suspected or Likely Releases to the Environment:**

Place an X in the appropriate boxes to indicate any known, suspected, or likely releases of wastes to the environment.

☐ Known ☐ Suspected ☐ Likely ☒ None

Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

Attached is a copy of our Application No. 1-478 which was filed in 1972 with the West Virginia Department of Natural Resources for this landfill. This application includes drawings which designate the area.

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

Attached is a copy of our Application No. 1-478 which was filed in 1972 with the West Virginia Department of Natural Resources for the landfill. This application includes a description of the site.

No decanter tar sludge (K087) has been added to this site since November, 1980.


J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name William R. SamplesStreet Wheeling-Pittsburgh Steel Corp.Duvall CenterCity Wheeling State WVA Zip Code 26003Signature William R. Samples Date 6/5/81

- ☒ Owner, Present
☒ Owner, Past
☐ Transporter
☒ Operator, Present
☒ Operator, Past
☐ Other

(new)
TYPING

 POTENTIAL HAZARDOUS WASTE SITE IDENTIFICATION		REGION <i>WV</i>	SITE NUMBER <i>94</i>
NOTE: The initial identification of a potential site or incident should not be interpreted as a finding of illegal activity or confirmation that an actual health or environmental threat exists. All identified sites will be assessed under the EPA's Hazardous Waste Site Enforcement and Response System to determine if a hazardous waste problem actually exists.			
A. SITE NAME Wheeling/Pittsburgh Steel Corporation		B. STREET (or other identifier) State Route 2	
C. CITY Follansbee	D. STATE WV	E. ZIP CODE 26307	F. COUNTY NAME Brooke
G. OWNER/OPERATOR (if known) 1. NAME Wheeling - Pittsburg Steel Corp.		2. TELEPHONE NUMBER	
H. TYPE OF OWNERSHIP (if known) <input type="checkbox"/> 1. FEDERAL <input type="checkbox"/> 2. STATE <input type="checkbox"/> 3. COUNTY <input type="checkbox"/> 4. MUNICIPAL <input checked="" type="checkbox"/> 5. PRIVATE <input type="checkbox"/> 6. UNKNOWN			
SITE DESCRIPTION The site is on alluvial terrace of the Ohio River. The area is highly industrialized.			
J. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.) State Hazardous Waste Enforcement Action			K. DATE IDENTIFIED (mo., day, & yr.)
L. SUMMARY OF POTENTIAL OR KNOWN PROBLEM The company has reportedly buried up to 300 tons of decanter tank car sludge (RCRA hazardous waste K087) onsite. Two locations, containing approximately 15 tons of sludge each, have been identified by DNR RCRA Enforcement personnel. DNR has issued an administrative order to the company to clean up the site. The municipal well fields for the city of Follansbee are located within three miles of the site.			
M. PREPARER INFORMATION 1. NAME Riley Sain		2. TELEPHONE NUMBER (304) 348-5929	3. DATE (mo., day, & yr.) 12-30-88

WV 94

C. 10/26/79
(Red)

POTENTIAL HAZARDOUS WASTE SITE LOG

SITE NUMBER

NOTE: The initial identification of a potential site or incident should not be interpreted as a finding of illegal activity or confirmation that an actual health or environmental threat exists. All identified sites will be assessed under the EPA's Hazardous Waste Site Enforcement and Response System to determine if a hazardous waste problem actually exists.

SITE NAME

WHEELING - PITTSBURGH STAFF

CITY

FOLLANSBET

STATE

WV

ZIP CODE

SUMMARY OF POTENTIAL OR KNOWN PROBLEM

ACTIVE DISPOSAL SITE (NIKE PLANT WASTES)

ITEM	DATE OF DETERMINATION OR COMPLETION	RESPONSIBLE ORGANIZATION OR INDIVIDUAL (EPA, State, Contractor, Other)	PERSON MAKING ENTRY TO LOG FORM	DATE ENTERED ON LOG (mo, day, yr)
1. IDENTIFICATION OF POTENTIAL PROBLEM	9/19/79	EPA WHEELING OFFICE	OUTWARD	12/26/79
2. PRELIMINARY ASSESSMENT				
APPARENT SERIOUSNESS OF PROBLEM:	<input type="checkbox"/> HIGH	<input type="checkbox"/> MEDIUM	<input type="checkbox"/> LOW	<input type="checkbox"/> NONE
			<input checked="" type="checkbox"/> UNKNOWN	
3. SITE INSPECTION				
4. EPA TENTATIVE DISPOSITION (check appropriate item(s) below)				
<input type="checkbox"/> a. NO ACTION NEEDED				
<input checked="" type="checkbox"/> b. INVESTIGATIVE ACTION NEEDED		EPA/STATE OF WV	OUTWARD	12/26/79
<input type="checkbox"/> c. REMEDIAL ACTION NEEDED				
<input type="checkbox"/> d. ENFORCEMENT ACTION NEEDED				
EPA FINAL STRATEGY DETERMINATION (check appropriate item(s) below)				
<input type="checkbox"/> a. NO ACTION NEEDED				
<input type="checkbox"/> b. REMEDIAL ACTION NEEDED				
<input type="checkbox"/> c. REMEDIAL ACTION NEEDED BUT, NO RESOURCES AVAILABLE				
<input type="checkbox"/> d. ENFORCEMENT ACTION NEEDED				
<input type="checkbox"/> (1) CASE DEVELOPMENT PLAN PREPARED				
<input type="checkbox"/> (2) ENFORCEMENT CASE FILED OR ADMINISTRATIVE ORDER ISSUED				
5. STRATEGY COMPLETED				

1

To: EPA5511
To: EPA93028
To: EPA9340
To: EPA9374
From: EPA9323
EDT Sys 163 (72)
Subject: WHEELING-PITTSBURGH STEEL - POLREP #1
Mail Id: IPM-163-910620-148420880

Delivered: Thu 20-June-91 16:29 7-1

POLREP #1
WHEELING PITTSBURGH DISPOSAL SITE
FOLLANSBEE, BROOKE COUNTY, WV 26037
ATTENTION: CHARLES KLEEMAN, GREGG CRYSTALL, AND STEPHEN LUFTIG

I. SITUATION (1400 HOURS, THURSDAY, 6/20/91)

- A. ON 6/20/91, REGION III EPA AND TAT CONDUCTED A VISUAL ASSESSMENT OF THE WHEELING PITTSBURGH DISPOSAL SITE IN FOLLANSBEE, BROOKE CO., WV. THIS SITE WAS USED FOR DISPOSAL OF COAL TAR. THE OBJECTIVE WAS TO GATHER INFORMATION REGARDING CURRENT SITE STATUS, DETERMINE IF THERE WAS AN IMMEDIATE THREAT TO THE PUBLIC HEALTH AND/OR THE ENVIRONMENT, AND TO DETERMINE THE SAMPLING LOCATIONS FOR A LATER SAMPLING ASSESSMENT.
- B. THE SITE LIES ON AN AREA OF LAND WHICH IS CURRENTLY USED AS A DRYING BED FOR THE FACILITY'S WASTEWATER TREATMENT PLANT SLUDGE. DURING 1959-61, THE SITE WAS USED AS A DUMP FOR COAL TAR WHICH WHEELING PITTSBURGH STEEL (WPS) REPRESENTATIVES CLAIM WAS DUMPED BY THE KOPPERS FACILITY ADJACENT TO THE WPS COKE PLANT. THE SITE ALSO CONTAINS 40,00-50,000 CUBIC YARDS OF FILL WHICH CAME FROM THE CONSTRUCTION OF THE STEUBENVILLE BRIDGE.
- C. PERSONNEL ON SCENE: EPA-1, TAT-1, WPS-2.
- D. WEATHER: MOSTLY SUNNY, WARM, TEMP. IN THE HIGH 70's.

II. ACTIONS TAKEN

- A. ON 6/20/91, AT 0830 HOURS, OSC AND TAT ARRIVED AT THE GUARD HOUSE OF THE WPS COKE PLANT FACILITY AND MET WITH REPRESENTATIVES TO DISCUSS CURRENT INFORMATION REGARDING THE SITE. WPS REPRESENTATIVES UPDATED EPA AND TAT ON USE OF THE SITE SINCE THE INITIAL INVESTIGATION CONDUCTED BY THE EPA BACK IN JUNE, 1982.

F-11

no incident notification

*How assessing

but no incoming
Spill Report June

- ORIGINAL
(Red)
- B. AT 0910 HOURS, OSC, TAT AND WPS REPRESENTATIVES DEPARTED PLANT FACILITY AND PROCEEDED TO THE DUMP AREA TO PERFORM WINDSHIELD ASSESSMENT. EPA, TAT AND WPS REPRESENTATIVES NOTED THAT THE AREA WHICH IS BEING USED AS THE TREATMENT AREA FOR THE WASTE WATER FROM THE FACILITY CONTAINS THREE GROUND WATER MONITORING WELLS WHICH WILL BE IMPLEMENTED FOR USE WITHIN A WEEK, TWO EXPOSED COAL TAR AREAS ON THE SITE, THE FILL AREA FROM THE CONSTRUCTION OF THE STEUBENVILLE BRIDGE, TWO DEBRIS PILES WHICH APPEARED TO BE DUMP SITES USED BY CITIZENS TO DISPOSE OF THEIR DOMESTIC TRASH AND VARIOUS OTHER SMALL DEBRIS PILE AREAS.
 - C. OSC AND TAT DETERMINED THAT THE COAL TAR SEEPS AND THE STREAM WOULD NEED TO BE SAMPLED WITH SEDIMENT SAMPLES BEING TAKEN OF THE COAL TAR SEEPS AND BOTH SEDIMENT AND AQUEOUS SAMPLES BEING TAKEN OF THE STREAM WHICH IS LOCATED ON SITE.
 - D. OSC REQUESTED TO HAVE INFORMATION REGARDING THE MONITORING WELLS TO BE SENT TO HIS OFFICE FOR REVIEW. GERAGHTY & MILLER IS THE ENVIRONMENTAL FIRM WHICH HAS THE INFORMATION REGARDING THESE MONITORING WELLS.
 - E. OSC AND TAT DEPARTED SITE AT 1020 HOURS TO DISCUSS FUTURE PLANS OF ACTION FOR THE SITE.

III. FUTURE PLANS

- A. OSC AND TAT TO PREPARE FOR A SAMPLING ASSESSMENT OF THE SITE.
- B. OSC TO OBTAIN THE JUNE 1982 REPORT OF THE INITIAL INVESTIGATION INTO THIS SITE AND REVIEW THIS REPORT TO GATHER BACKGROUND INFORMATION.
- C. OSC TO CONTACT AND UPDATE WVDNR ON THE CURRENT SITE STATUS.
- D. OSC TO AWAIT MAP OF THE GROUND WATER MONITORING WELLS WHICH HAVE BEEN PLACED ON SITE.
- E. OSC AND TAT TO CONTINUE GATHERING BACKGROUND INFORMATION ON THE SITE AND TO INVESTIGATE THE SITE FOR ALL POTENTIAL RESPONSIBLE PARTY(IES).

JAMIE FENSKE, OSC
U.S. EPA REGION III
WHEELING, WV

ORIGINAL
(Red)

ENVIRONMENTAL PROTECTION AGENCY
NOTIS DATA MANAGEMENT SYSTEM
COMMENT MAINTENANCE FORM

CARD
CODE NTS IDENTIFICATION NO. Trans
Code
Card
No. COMMENT
F C ATTACHED COPY APPLICATION NO 1-472. 001 S
1 2 13 14 15 16 55 56 58 80

CARD
CODE NTS IDENTIFICATION NO. Trans
Code
Card
No. COMMENT
F C FILED 1972 WV DEPT NATURAL RESOURCES 002 S
1 2 13 14 15 16 55 56 58

CARD
CODE NTS IDENTIFICATION NO. Trans
Code
Card
No. COMMENT
F C NO K087 HAS BEEN ADDED SINCE 1980. 003 S
1 2 13 14 15 16 55 56 58

CARD
CODE NTS IDENTIFICATION NO. Trans
Code
Card
No. COMMENT
F C COKE PLANT, NEAR OHIO R. 004 S
1 2 13 14 15 16 55 56 58

CARD
CODE NTS IDENTIFICATION NO. Trans
Code
Card
No. COMMENT
F C 55 56 58 S
1 2 13 14 15 16

ORIGINAL
703

Subject: wheeling pittsburgh disposal site polrep #3 and final

POLREP #3 AND FINAL
WHEELING PITTSBURGH DISPOSAL SITE
FOLLANSBEE, BROOKE COUNTY, WV 26037
ATTENTION: CHARLES KLEEMAN, GREGG CRYSTALL, AND ERD/OER

I. SITUATION (1130 HOURS, TUESDAY, 1/21/92)

- A. ON 11/11/91, TAT CONDUCTED A SAMPLING ASSESSM WHEELING PITTSBURGH SITE IN FOLLANSBEE, BROOK A TOTAL OF FIVE SOIL AND TWO WATER SAMPLES WE COLLECTED AT THE TIME OF THE SAMPLING.
- B. ON 1/10/92, OSC TASKED TAT TO REVIEW THE RESU THE SAMPLES COLLECTED ON 11/11/91.

II. ACTIONS TAKEN

- A. ON 1/10/92, OSC AND TAT REVIEWED THE ANALYTIC FROM THE SAMPLES COLLECTED AT THE SITE.
- B. RESULTS INDICATED THAT THERE WAS NO IMMEDIATE PUBLIC HEALTH OR WELFARE OR THE ENVIRONMENT A SITE.

III. FUTURE PLANS

- A. OSC TO REFER SITE TO REMEDIAL SECTION OF EPA.
- B. OSC TO UPDATE FEDERAL, STATE, AND LOCAL AGENC RESULTS OF SAMPLING.
- C. OSC DEEMS NO FURTHER REMOVAL ACTIVITIES REQUI THIS SITE AT THIS TIME.

JAMIE FENSKE, OSC
U.S. EPA REGION III
WHEELING, WV

Wheeling Pittsburgh
STEEL CORPORATION

Duvall Center
Wheeling, West Virginia 26003

June 4, 1981

ORIGINAL
(Red)
RECEIVED
RCRA
EPA

JUN 10 000031

U. S. Environmental Protection Agency
Region 3
Sites Notification
Philadelphia, PA 19106

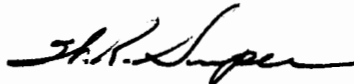
Re: STEUBENVILLE EAST LANDFILL
NOTIFICATION OF HAZARDOUS WASTE SITE

Gentlemen:

Attached is our "Notification of Hazardous Waste Site" for our landfill at our plant in Follansbee, West Virginia which formerly received tar decanter tank sludge.

We have reviewed your notification requirements and believe that this is our only site which requires notification. If additional sites should come to our attention, we will notify you immediately.

Very truly yours,



W. R. Samples
Manager
Environmental Control

WRS/ng
Attachments

FIELD INVESTIGATIONS OF UNCONTROLLED HAZARDOUS WASTE SITES

FIT PROJECT

ORIGINAL
(Red)

TASK REPORT TO THE ENVIRONMENTAL PROTECTION AGENCY CONTRACT NO. 68-01-6056

A Site Inspection
of

Wheeling-Pittsburg Steel
TDD No. F3-8201-10
EPA No. WV-50

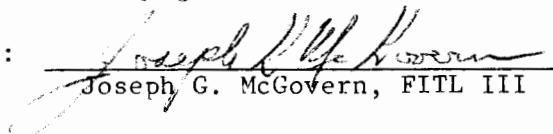
Preparation Date: September 29, 1982

Presented to: Linda Y. Boornazian, Acting DPO
EPA Region III

Prepared by:


Eugene Dennis

Reviewed by:


Joseph G. McGovern, FITL III

ecology and environment, inc.

International Specialists in the Environmental Sciences

Wheeling-Pittsburg Steel
TDD No. F3-8201-10
EPA No. WV-50

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Wheeling-Pittsburg Steel
TDD No. F3-8201-10
EPA No. WV-50

SUMMARY AND RECOMMENDATIONS

1.1 SUMMARY

The Wheeling-Pittsburg Steel Corporation is the owner of the reclaimed strip mine property where Koppers Co., Inc. disposed of coal tar waste during the period 1959 through 1961. The study area (a strip mine) is located off of Route 2 in Coketown, West Virginia. The site is approximately 50 acres in size and reportedly contains 7,500 tons of coal tar waste. Records of the disposed waste are retained by Koppers Co., Inc. Corporate Headquarters Pittsburg, PA.

The exact location of disposal of the coal tar waste is unknown. This can be expected because the material was disposed of during mine reclamation operations. The waste tar may have been deposited throughout the strip mine. Site representative claim they were not aware of any disposed coal tar waste at the strip mine. However one suspect coal tar disposal area was located during the site inspection. The area is approximately 35 yards x 30 yards. The depth of this waste deposit could not be determined. Site representatives also claimed that they were not aware of this particular area nor of its origin. This suspected coal tar waste was sampled. Analysis revealed high concentrations of organic contaminants and moderate concentrations of inorganic contaminants that are typical of coal tar waste (see sample data summary).

A second disposal area was discovered at the southern portion of the site. A dump truck loaded with lumber was observed travelling in this direction. This section of the site was visited and piles of resin-stained lumber was observed to be openly dumped on the surface. Odors of oil or coal tar were noticed. The wood was from a demolished cooling tower at a Coke and Sinter plant. Site representatives were sensitive about this area and would not permit photographs or air monitoring. Wheeling-Pittsburgh Steel representatives stated that they were coordinating with the West Virginia

Wheeling-Pittsburg Steel
TDD No. F3-8201-10
EPA No. WV-50
Summary and Recommendations

Department of Natural Resources (WV DNR) for permission to dispose of this material at the present location. The WV DNR was contacted and it was revealed that Wheeling-Pittsburgh Steel has an outstanding application for a permit to allow disposal of this material at the present location.

Upstream and downstream samples were collected from Mahan Run which flows north-west through the site, and discharges into the Ohio River. These samples analyzed revealed very low concentrations (< 10 ppb) of organic contaminants and moderate concentrations of inorganic contaminants.

Residents in the Archer Heights area depend upon individual wells and springs as a water source. This area is approximately 1 mile to the north-east and is topographically located upgradient from the site. Groundwater in the study area is expected to flow to the west and discharge into the Ohio River. The closest public water supplies (Follansbee and Hooverston Heights systems) utilize groundwater. They are located approximately 2.5 miles to the south. The Follansbee and Hooverston Heights systems service areas along WV State Rt. 2. It is not anticipated that these water supplies are impacted by the site.

1.2 RECOMMENDATIONS

Based on the above findings, FIT Region III recommends that additional soil covering and revegetation of the suspected coal tar waste disposal area be considered.

ORIGINAL
(100)

SECTION 2

Wheeling-Pittsburg Steel
TDD No. F3-8201-10
EPA No. WV-50

FIELD TRIP REPORT

2.1 INTRODUCTION

FIT Region III visited the Wheeling-Pittsburgh Steel Strip Mine in Coketown, WV on June 17, 1982. The purpose of the visit was to conduct a low priority site inspection/sampling task. The FIT team consisted of Eugene Dennis, Bruce Pluta and Susan Belski. As part of the assigned task, FIT III desired to locate and identify the area(s) of coal tar waste disposed at the strip mine. Aside from areas of unauthorized or midnight dumping practices FIT III located two areas of disposal. The field trip report addresses the investigation of these areas. Representatives that accompanied FIT were William Samples and Robert Dobson of Wheeling-Pittsburg Steel and J. E. McFadden of Koppers Co., Inc.

2.2 CONTACTS

William Samples - Manager/Environmental Control
Wheeling-Pittsburg Steel Corp.
Wheeling, West Virginia 26003
304/234-2936

J. E. McFadden - Technical Director/Industrial Products Division
Koppers Co, Inc.
P.O. Box M, Follansbee, WV 26037
304/527-0110

Robert Dobson - Superintendent
Wheeling-Pittsburg Steel Corp.
Coke and Sinter Plant
Follansbee, WV
614/283-5650

Jordan Dern - Koppers Co. Inc.
Pittsburg, PA 15219
412/227-2870

Dave Long - Conservation Officer
West Virginia Dept. of Natural Resources
Law Enforcement Division
Brooke Co. West Virginia
304/829-4825

Wheeling-Pittsburg Steel
TDD No. F3-8201-10
EPA No. WV-50
Field Trip Report

Mark Vignovic - West Virginia Department of Natural Resources
Division of Water Quality
Charleston, WV 25311
304/348-8855

2.3 PERTINENT COMMENTS

Site representatives William Samples, J. E. McFadden and Robert Dubson claim they were not aware of any coal tar waste being dumped at this location during the period 1959 through 1961.

William Samples - Wheeling-Pittsburg Steel on-site conversation Mr. Samples stated that Wheeling-Pittsburg Steel was coordinating with the WV DNR for permission to dispose of the wood debris at the present location. He also stated that photographs or air monitoring at this location would not be permitted.

Jordan Dern - Koppers Co., Inc. Telecon 8/24/82. Mr. Dern stated that according to Koppers records, 7500 tons of coal tar waste have been disposed of at the subject strip mine near Coke town West Virginia during the period 1959-1961.

Dave Long - W. Virginia Dept. of Natural Resources. Telecon 9/9/82. Mr. Long stated that the Ohio River in the area of concern has industrial and recreational uses which include boating and on and off shore fishing. He also stated that Mahau Run is not a stocked trout stream and he did not know of any other uses of the stream.

Mark Vignovic - W. Virginia Dept. of Natural Resources, telecon 9-27-82. Mr. Vignovic stated that Wheeling-Pittsburgh steel has an outstanding application for a permit to allow disposal of the wood debris at the present location. The application was submitted in May, 1982 and is presently being reviewed.

Wheeling-Pittsburg Steel
TDD No. F3-8201-10
EPA No. WV-50
Field Trip Report

2.4 FIELD OBSERVATIONS

o The weather conditions during the site inspection were cool and cloudy with temperatures ranging between 65° and 70°.

o The site is not bounded by a fence or any other means to control access. No gate was observed on the access road.

o Initial observations revealed several areas where trash and wood debris had been randomly disposed. This may be an indication that unauthorized dumping is a problem at the site.

o Excavated strip mine material was observed in one area of the site. (See site sketch).

o FIT III observed an area where suspect coal tar waste material was openly dumped and spread on the surface. This area was approximately 35 yards x 30 yards. The surface of the waste material was sand-like and varied between 4 and 8 inches in thickness. It appeared to have volatilized leaving a solid, unconsolidated and fine-grained material. Noticeable odors were not observed upon initial entry to this area. Below the sandy top cover, a black, resin-like material was observed. Noticeable odors of coal tar were released when this material was exposed, and readings of 700 ppm on the OVA were recorded. FIT attempted to dig down into this material but it could not be penetrated more than a few inches with a shovel. Therefore, the total depth of this material is unknown. This material was sampled (see site sketch and photo #'s 1 through 8.)

Wheeling-Pittsburg Steel
TDD No. F3-8201-10
EPA No. WV-50
Field Trip Report

- o Areas of dead vegetation and partially stained soil were observed near the disposal area.

- o Deer tracks were noted across the disposal area.

- o FIT III observed a truck hauling resin-stained wood to another area of the site. FIT visited the area and observed piles of stained wood. Site representatives claim the wood is from a cooling tower that is being demolished and rebuilt. Wheeling-Pittsburg Steel Corp. is currently seeking WV DNR permission to legally dispose of this material at the present location. Noticeable odors of oil and coal tar were emanating from the wood pile.

- o The site is bounded by residential areas to the north, wooded/residential areas to the east, industrial/residential areas to the south and industrial areas to the west.

- o Mahan Run was observed to be a shallow, slow flowing stream with clear water. The water depth was approximately 1-1.5 ft. deep. Upstream and downstream samples were obtained.

- o Initial air monitoring with the OVA at the suspected coal tar disposal area revealed no readings above background; except when the tar was disturbed.

2.5 SAMPLE LOG

2.5.1 Low Concentration Samples

Mahan Creek downstream
Low concentration aqueous
Organic No. C1492
Inorganic No. MC9081
Time 10:15 by Susan Belski
pH= 6.9

Wheeling-Pittsburg Steel
TDD No. F3-8201-10
EPA No. WV-50
Field Trip Report

Mahan Creek upstream
Low concentration aqueous
Organic No. C1493
Inorganic No. MC9082
Time 10:40 by Bruce Pluta
pH= 7.00

ORIGINAL
(Red)

Blank
Low concentration aqueous
Organic No. C1494
Inorganic No. MC9083
By Eugene Dennis

2.5.2 Medium Concentration Samples

Suspected coal tar waste
Medium concentration solid
Organic No. C1475
Inorganic No. MC9064
Time 09:45 by Bruce Pluta

Blank
Medium Concentration aqueous
Organic No. C1596
Inorganic No. MC9185
By Susan Belski

2.5.3 Laboratories

Low concentration aqueous-organic
West Coast Technical Service
1760 S, Fabrica Way, Suite D
Cerritos, CA 90701

Wheeling-Pittsburg Steel
TDD No. F3-8201-10
EPA No. WV-50
Field Trip Report

Low concentration aqueous-inorganic
California Analytical Labs
5895 Power Inn Road
Sacramento, CA 95824

Hazardous Samples - Medium concentration organic
Energy Resources Co., Inc.
185 Alewife Brook Parkway
Cambridge, Middlesex, MA 02138

Hazardous Samples - Medium concentrations inorganic
Rocky Mountain Analytical Labs
5530 Marshall Street
Arvado, CO 80002

ORIGINAL
(Red)

SECTION 3



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT

REGION III SITE NUMBER (to be assigned by HQ)

GENERAL INSTRUCTIONS: Complete Sections I and III through XV of this form as completely as possible. Then use the information on this form to develop a Tentative Disposition (Section II). File this form in its entirety in the regional Hazardous Waste Log File. Be sure to include all appropriate Supplemental Reports in the file. Submit a copy of the forms to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME Wheeling-Pittsburgh Strip mine-Koppers Disposal Site		B. STREET (or other identifier) USGS 7.5 Min. Steubenville East; strip mine adjacent to BM 681	
C. CITY Coketown	D. STATE WV	E. ZIP CODE	F. COUNTY NAME Brooke
G. SITE OPERATOR INFORMATION		2. TELEPHONE NUMBER	
1. NAME Wheeling-Pittsburgh Steel Company		304-234-0000	
3. STREET 1134 Market St.	4. CITY Wheeling	5. STATE WV	6. ZIP CODE 26003
H. REALTY OWNER INFORMATION (if different from operator of site)		2. TELEPHONE NUMBER	
1. NAME			
3. CITY		4. STATE	5. ZIP CODE

I. SITE DESCRIPTION Reclaimed strip mine in which tar wastes were disposed by Koppers Co. near Coketown, West Virginia.

J. TYPE OF OWNERSHIP

☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE

II. TENTATIVE DISPOSITION (complete this section last)

A. ESTIMATE DATE OF TENTATIVE DISPOSITION (mo., day, & yr.) 3/15/82	B. APPARENT SERIOUSNESS OF PROBLEM <input type="checkbox"/> 1. HIGH <input type="checkbox"/> 2. MEDIUM <input checked="" type="checkbox"/> 3. LOW <input type="checkbox"/> 4. NONE	
C. PREPARER INFORMATION		
1. NAME Eugene Dennis	2. TELEPHONE NUMBER 609-665-1515	3. DATE (mo., day, & yr.) 7/1/82

III. INSPECTION INFORMATION

A. PRINCIPAL INSPECTOR INFORMATION		4. TELEPHONE NO. (area code & no.)	
1. NAME Eugene Dennis	2. TITLE Geologist		
3. ORGANIZATION Ecology and Environment, Inc. FIT III		609-665-1515	

B. INSPECTION PARTICIPANTS

1. NAME	2. ORGANIZATION	3. TELEPHONE NO.
Susan Belski	Ecology and Environment, Inc. FIT III	609-665-1515
Bruce Pluta		

C. SITE REPRESENTATIVES INTERVIEWED (corporate officials, workers, residents)

1. NAME	2. TITLE & TELEPHONE NO.	3. ADDRESS
W. R. Samples	Manager/Environmental Control-304-234-2936	Wheeling-Pittsburgh Steel Corp. Wheeling, West Virginia 26003
J. E. McFadden	Technical Director-Industrial Products Div. 304-527-0110	Koppers Co., Inc. P.O. Box M, Follansbee West Virginia 26037
Robert Dobson	Superintendent Coke & Sinter Plant 614-283-5650	Wheeling-Pittsburgh Steel, Coke and Sinter Plant, Follansbee, WV

III. INSPECTION INFORMATION (continued)

D. GENERATOR INFORMATION (source of waste)

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE GENERATED
Koppers Co. Follansbee Plant	304-527-0110	Koppers co., Inc. P.O. Box M Follansbee, WV 26037	Coal tar waste

E. TRANSPORTER/HAULER INFORMATION

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE TRANSPORTED
Koppers Co. Follansbee Plant	304-527-0110	Same as above	Coal tar waste

F. IF WASTE IS PROCESSED ON SITE AND ALSO SHIPPED TO OTHER SITES, IDENTIFY OFF-SITE FACILITIES USED FOR DISPOSAL.

1. NAME	2. TELEPHONE NO.	3. ADDRESS
N/A		

G. DATE OF INSPECTION

(mo., day, & yr.)
6/17/81

H. TIME OF INSPECTION

8:30 to 13:00

I. ACCESS GAINED BY: (credentials must be shown in all cases)

☒ 1. PERMISSION☐ 2. WARRANT

J. WEATHER (describe)

Cool, cloudy 60°F

IV. SAMPLING INFORMATION

A. Mark 'X' for the types of samples taken and indicate where they have been sent e.g., regional lab, other EPA lab, contractor, etc. and estimate when the results will be available.

1. SAMPLE TYPE	2. SAMPLE TAKEN (mark 'X')	3. SAMPLE SENT TO:	4. DATE RESULTS AVAILABLE
a. GROUNDWATER			
b. SURFACE WATER	X	California Analytical Laboratories-Inorganic West Coast Technical Service-Organic 7/28/82	9/9/82 Enclosed
c. WASTE Black resin suspected coal tar waste		Rocky Mountain Analytical-Inorganic Energy Resources Co., Inc.-Organic	7/19/82 8/2/82
d. AIR			
e. RUNOFF			
f. SPILL		ORIGINAL (Red)	
g. SOIL			
h. VEGETATION			
i. OTHER (specify)			

B. FIELD MEASUREMENTS TAKEN (e.g., radioactivity, explosivity, PH, etc.)

1. TYPE	2. LOCATION OF MEASUREMENTS	3. RESULTS
Organic vapors w/ OVA	Suspected coal tar disposal area	700 ppm above bkg. bkg.=0 ppm
pH measurements	All aqueous samples	pH range from 6.9 to 7.0

Continued From Page 2

IV. SAMPLING INFORMATION (continued)

C. PHOTOS

1. TYPE OF PHOTOS

☒ a. GROUND ☐ b. AERIAL

2. PHOTOS IN CUSTODY OF:

Ecology and Environment, Inc. FIT Region III

D. SITE MAPPED?

☒ YES. SPECIFY LOCATION OF MAPS:

Ecology and Environment, FIT III

E. COORDINATES

1. LATITUDE (deg.-min.-sec.)

40° 20' 54" N

2. LONGITUDE (deg.-min.-sec.)

80° 36' 14" W

V. SITE INFORMATION

A. SITE STATUS

☐ 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)☒ 2. INACTIVE (Those sites which no longer receive wastes.)☐ 3. OTHER (specify):
(Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)

B. IS GENERATOR ON SITE?

☒ 1. NO ☐ 2. YES (specify generator's four-digit SIC Code):

C. AREA OF SITE (in acres)

Approx. 50 acres

D. ARE THERE BUILDINGS ON THE SITE?

☒ 1. NO ☐ 2. YES (specify):

VI. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

A. TRANSPORTER	B. STORER	C. TREATER	D. DISPOSER
<input checked="" type="checkbox"/> 1. RAIL	<input type="checkbox"/> 1. PILE	<input type="checkbox"/> 1. FILTRATION	<input type="checkbox"/> 1. LANDFILL
<input type="checkbox"/> 2. SHIP	<input type="checkbox"/> 2. SURFACE IMPOUNDMENT	<input type="checkbox"/> 2. INCINERATION	<input type="checkbox"/> 2. LANDFARM
<input type="checkbox"/> 3. BARGE	<input type="checkbox"/> 3. DRUMS	<input type="checkbox"/> 3. VOLUME REDUCTION	<input type="checkbox"/> 3. OPEN DUMP
<input type="checkbox"/> 4. TRUCK	<input type="checkbox"/> 4. TANK, ABOVE GROUND	<input type="checkbox"/> 4. RECYCLING/RECOVERY	<input type="checkbox"/> 4. SURFACE IMPOUNDMENT
<input type="checkbox"/> 5. PIPELINE	<input type="checkbox"/> 5. TANK, BELOW GROUND	<input type="checkbox"/> 5. CHEM./PHYS./TREATMENT	<input type="checkbox"/> 5. MIDNIGHT DUMPING
<input type="checkbox"/> 6. OTHER (specify):	<input type="checkbox"/> 6. OTHER (specify):	<input type="checkbox"/> 6. BIOLOGICAL TREATMENT	<input type="checkbox"/> 6. INCINERATION
		<input type="checkbox"/> 7. WASTE OIL REPROCESSING	<input type="checkbox"/> 7. UNDERGROUND INJECTION
		<input type="checkbox"/> 8. SOLVENT RECOVERY	<input checked="" type="checkbox"/> 8. OTHER (specify):
		<input type="checkbox"/> 9. OTHER (specify):	Reclaimed strip mine

E. SUPPLEMENTAL REPORTS: If the site falls within any of the categories listed below, Supplemental Reports must be completed. Indicate which Supplemental Reports you have filled out and attached to this form.

☐ 1. STORAGE ☐ 2. INCINERATION ☐ 3. LANDFILL ☐ 4. SURFACE IMPOUNDMENT ☐ 5. DEEP WELL

☐ 6. CHEM/BIO/PHYS TREATMENT ☐ 7. LANDFARM ☐ 8. OPEN DUMP ☐ 9. TRANSPORTER ☐ 10. RECYCLOR/RECLAIMER

VII. WASTE RELATED INFORMATION

A. WASTE TYPE

☐ 1. LIQUID ☒ 2. SOLID ☒ 3. SLUDGE ☐ 4. GAS

B. WASTE CHARACTERISTICS

☐ 1. CORROSIVE ☐ 2. IGNITABLE ☐ 3. RADIOACTIVE ☐ 4. HIGHLY VOLATILE

☒ 5. TOXIC ☐ 6. REACTIVE ☐ 7. INERT ☐ 8. FLAMMABLE

☐ 9. OTHER (specify):

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

Koppers Co. records Pittsburgh PA-stated hat 7500 tons of coal tar waste were deposited

in the strip mine during 1959-1961.

Continued From Front

VII. WASTE RELATED INFORMATION (continued)

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE		b. OIL		c. SOLVENTS		d. CHEMICALS		e. SOLIDS		f. OTHER	
AMOUNT		AMOUNT		AMOUNT		AMOUNT		AMOUNT		AMOUNT	
7500										Unknown	
UNIT OF MEASURE		UNIT OF MEASURE		UNIT OF MEASURE		UNIT OF MEASURE		UNIT OF MEASURE		UNIT OF MEASURE	
tons											
<input checked="" type="checkbox"/> (1) PAINT, PIGMENTS	<input checked="" type="checkbox"/> (1) OILY WASTES	<input checked="" type="checkbox"/> (1) HALOGENATED SOLVENTS	<input checked="" type="checkbox"/> (1) ACIDS	<input checked="" type="checkbox"/> (1) FLYASH	<input checked="" type="checkbox"/> (1) LABORATORY, PHARMACEUT.						
(2) METALS SLUDGES	(2) OTHER(specify):	(2) NON-HALOGNTD. SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL						
(3) POTW		(3) OTHER(specify):	(3) CAUSTICS	(3) MILLING/MINE TAILINGS	(3) RADIOACTIVE						
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS SMELTING WASTES	(4) MUNICIPAL						
<input checked="" type="checkbox"/> (5) OTHER(specify):			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER(specify):						
Suspecte coal tar waste			(6) CYANIDE	Trash, wood debris.							
			(7) PHENOLS								
			(8) HALOGENS								
			(9) PCB								
			(10) METALS								
			(11) OTHER(specify):								

(Red)
ORIGINAL

D. LIST SUBSTANCES OF GREATEST CONCERN WHICH ARE ON THE SITE (place in descending order of hazard)

1. SUBSTANCE	2. FORM (mark 'X')			3. TOXICITY (mark 'X')				4. CAS NUMBER	5. AMOUNT	6. UNIT
	a. SOLID	b. LIQ.	c. VA-POR	a. HIGH	b. MED.	c. LOW	d. NONE			
Suspected coal tar	X				X			N/A	Unknown	N/A

VIII. HAZARD DESCRIPTION

FIELD EVALUATION HAZARD DESCRIPTION: Place an 'X' in the box to indicate that the listed hazard exists. Describe the hazard in the space provided.

☐ A. HUMAN HEALTH HAZARDS

None

VIII. HAZARD DESCRIPTION (continued)

☒ H. DAMAGE TO FLORA/FAUNA

Obvious signs of dead vegetation in suspected coal tar waste disposal area.

☐ I. FISH KILL

None reported

☒ J. CONTAMINATION OF AIR

Organic Vapor Analyzer revealed readings of 700 ppm at the suspected coal tar waste disposal area.

☒ K. NOTICEABLE ODORS

Distinct odors of coal tar waste at disposal area.

ORIGINAL
(Red)

☒ L. CONTAMINATION OF SOIL

Areas of contaminated soil observed at suspected coal tar waste disposal area.

☐ M. PROPERTY DAMAGE

None

VIII. HAZARD DESCRIPTION (continued)

☐ B. NON-WORKER INJURY/EXPOSURE

None reported-However, potential exist through direct contact with suspected coal tar.

☐ C. WORKER INJURY/EXPOSURE

None reported.

(pg)
ORIGINAL

☐ D. CONTAMINATION OF WATER SUPPLY

None

☐ E. CONTAMINATION OF FOOD CHAIN☐ F. CONTAMINATION OF GROUND WATER

Potential exists due to strip mine activity-not reported however.

☒ G. CONTAMINATION OF SURFACE WATER

Sampling of Mahan Run revealed very low concentrations (< 10 ppb) of various priority pollutant contaminants and moderate concentrations of inorganic contaminants.

VIII. HAZARD DESCRIPTION (continued)

☐ N. FIRE OR EXPLOSION

None reported.

☒ O. SPILLS/LEAKING CONTAINERS/RUNOFF/STANDING LIQUID

Suspected coal tar waste openly spilled onto surface.

ORIGINAL
(Red)☐ P. SEWER, STORM DRAIN PROBLEMS

Not applicable

☒ Q. EROSION PROBLEMS

Site is a reclaimed strip mine and is moderately eroded.

☒ R. INADEQUATE SECURITY

The site does not have any means to control access.

☐ S. INCOMPATIBLE WASTES

No, based on available records of waste disposed.

VIII. HAZARD DESCRIPTION (continued)

☒ T. MIDNIGHT DUMPING

Domestic trash, wood and other debris observed during inspection. No site security.

☐ U. OTHER (specify):

Not Applicable

ORIGINAL
(Red)

IX. POPULATION DIRECTLY AFFECTED BY SITE

A. LOCATION OF POPULATION	B. APPROX. NO. OF PEOPLE AFFECTED	C. APPROX. NO. OF PEOPLE AFFECTED WITHIN UNIT AREA	D. APPROX. NO. OF BUILDINGS AFFECTED	E. DISTANCE TO SITE (specify units)
1. IN RESIDENTIAL AREAS	Approx. 4800	4800/1 mile radius	Approx. 175	1 mile radius
2. IN COMMERCIAL OR INDUSTRIAL AREAS	450	450/ 1/4 mile	Coke & Sinter Plant Several Buildings	1/4 mile
3. IN PUBLICLY TRAVELLED AREAS				
4. PUBLIC USE AREAS (parks, schools, etc.)	None			

X. WATER AND HYDROLOGICAL DATA

A. DEPTH TO GROUNDWATER (specify unit) Follansbee well-90 ft. Hooverson Heights-74 ft.	B. DIRECTION OF FLOW West-towards Ohio River	C. GROUNDWATER USE IN VICINITY Public Water Supply
D. POTENTIAL YIELD OF AQUIFER Follansbee Well-unknown Hooverson Hts. -Total of 4 wells	E. DISTANCE TO DRINKING WATER SUPPLY (specify unit of measure) Approx. 1.5 miles	F. DIRECTION TO DRINKING WATER SUPPLY South East and North
G. TYPE OF DRINKING WATER SUPPLY (750 gpm)		
<input type="checkbox"/> 1. NON-COMMUNITY < 15 CONNECTIONS* <input checked="" type="checkbox"/> 2. COMMUNITY (specify town): Follansbee and Hooverson Heights		
<input type="checkbox"/> 3. SURFACE WATER <input checked="" type="checkbox"/> 4. WELL (community)		

Continued From Page 8

X. WATER AND HYDROLOGICAL DATA (continued)**H. LIST ALL DRINKING WATER WELLS WITHIN A 1/4 MILE RADIUS OF SITE**

1. WELL	2. DEPTH (specify unit)	3. LOCATION (proximity to population/buildings)	4. NON-COM- MUNITY (mark 'X')	5. COMMUN- ITY (mark 'X')
No drinking water wells located within 1/4 mile of site.				

I. RECEIVING WATERNAME
Ohio River
Mahan Run☐ 2. SEWERS☒ 3. STREAMS/RIVERS☐ 4. LAKES/RESERVOIRS☐ 5. OTHER (specify):**ORIGINAL**
(Red)**6. SPECIFY USE AND CLASSIFICATION OF RECEIVING WATERS**

The Ohio River in the area of concern is used for industrial and recreational purposes which include boating and off and on shore fishing. Mahan Run is a warm water fish stream.

XI. SOIL AND VEGETATION DATA**LOCATION OF SITE IS IN:**☐ A. KNOWN FAULT ZONE

N/A

☐ B. KARST ZONE☐ C. 100 YEAR FLOOD PLAIN☐ D. WETLAND☐ E. A REGULATED FLOODWAY☐ F. CRITICAL HABITAT☐ G. RECHARGE ZONE OR SOLE SOURCE AQUIFER**XII. TYPE OF GEOLOGICAL MATERIAL OBSERVED**

Mark 'X' to indicate the type(s) of geological material observed and specify where necessary, the component parts.

'X'	A. COVERBURDEN	'X'	B. BEDROCK (specify below)	'X'	C. OTHER (specify below)
X	1. SAND	X	Limestone, siltstone, shale.		
X	2. CLAY				
	3. GRAVEL				

XIII. SOIL PERMEABILITY☐ A. UNKNOWN☐ B. VERY HIGH (100,000 to 1000 cm/sec.)☐ C. HIGH (1000 to 10 cm/sec.)☐ D. MODERATE (10 to .1 cm/sec.)☐ E. LOW (.1 to .001 cm/sec.)☒ F. VERY LOW (.001 to .00001 cm/sec.)**G. RECHARGE AREA**☐ 1. YES☐ 2. NO

3. COMMENTS:

H. DISCHARGE AREA☒ 1. YES☐ 2. NO

3. COMMENTS:

I. SLOPE

1. ESTIMATE % OF SLOPE

2. SPECIFY DIRECTION OF SLOPE, CONDITION OF SLOPE, ETC.

40-50%

Sloping West

J. OTHER GEOLOGICAL DATA

Reclaimed strip mine; area is moderately eroded.

Continued From Front

XIV. PERMIT INFORMATION

List all applicable permits held by the site and provide the related information.

A. PERMIT TYPE (e.g., RCRA, State, NPDES, etc.)	B. ISSUING AGENCY	C. PERMIT NUMBER	D. DATE ISSUED (mo., day, & yr.)	E. EXPIRATION DATE (mo., day, & yr.)	F. IN COMPLIANCE (mark 'X')		
					1. YES	2. NO	3. UN- KNOWN
No permits issued.							

XV. PAST REGULATORY OR ENFORCEMENT ACTIONS

☒ NONE ☐ YES (summarize in this space)

Currently working with WV DNR to obtain permit for disposal of contaminated wood from demolished smoke stack at plant.

ORIGINAL
(Red)

NOTE: Based on the information in Sections III through XV, fill out the Tentative Disposition (Section II) information on the first page of this form.

SECTION 4

SAMPLE DATA SUMMARY

Site Name: Wheeling-Pittsburgh Steel

TDD No.: 8201-10

EPA No.: UV-50

Date of Sample: 10-17-82

~~D~~ ORGANIC

☐ INORGANIC

COMPOUNDS IDENTIFIED IN SAMPLE RESULTS

Concentrations in: $\text{ppb} = \mu\text{g/l} - \text{L (aqueous)}$; $\text{ppb} = \mu\text{g/kg} - \text{S (solid)}$

(For tentatively identified compounds see Analytical Data Sheets in the appendixes)

[illegible]

SAMPLE DATA SUMMARY

Site Name: Wheeling-Pittsburgh Steel
TDD No.: 8901-10
EPA No.: WV-50
Date of Sample: 6-17-82

☐ ORGANIC } COMPOUNDS IDENTIFIED IN SAMPLE RESULTS
☒ INORGANIC }

Concentrations in: ppb = $\mu\text{g/l}$ - L (aqueous); ppb = $\mu\text{g/kg}$ - S (solid)

(For tentatively identified compounds see Analytical Data Sheets in the appendixes)

[illegible]

SAMPLE DATA SUMMARY

Site Name: Wheeling-Pittsburgh Steel
TDD No.: 8201-10
EPA No.: WV-50
Date of Sample: 6-17-82

☐ ORGANIC } COMPOUNDS IDENTIFIED IN SAMPLE RESULTS
☒ INORGANIC }

Concentrations in: $\text{ppb} = \mu\text{g/l} - \text{L (aqueous)}$; $\text{ppb} = \mu\text{g/kg} - \text{S (solid)}$

(For tentatively identified compounds see Analytical Data Sheets in the appendixes)

[illegible]

SAMPLE DATA SUMMARY

Site Name: Wheeling-Pittsburgh Steel

TDD No.: 8201-10

EPA No.: WV-50

Date of Sample: 6-17-82

☐ ORGANIC

☒ INORGANIC

COMPOUNDS IDENTIFIED IN SAMPLE RESULTS

Concentrations in: ppb = $\mu\text{g/l}$ - L (aqueous); ppb = $\mu\text{g/kg}$ - S (solid)

(For tentatively identified compounds see Analytical Data Sheets in the appendixes)

[illegible]

SAMPLE DATA SUMMARY

Site Name: Wheeling - Pittsburgh steel
TDD No.: 8201-10
EPA No.: WV-50
Date of Sample: 6-17-82

☒ ORGANIC } COMPOUNDS IDENTIFIED IN SAMPLE RESULTS
☐ INORGANIC }

Concentrations in: ppb = ug/l - L (aqueous); ppb = ug/kg - S (solid)

(For tentatively identified compounds see Analytical Data Sheets in the appendixes)

[illegible]

SAMPLE DATA SUMMARY

Site Name: Wheeling-Pittsburgh Steel

TDD No.: 8201-10

EPA No.: WV-50

Date of Sample: 6-17-82

☒ ORGANIC

☐ INORGANIC

COMPOUNDS IDENTIFIED IN SAMPLE RESULTS

Concentrations in: ppb = $\mu\text{g/l}$ - L (aqueous); ppb = $\mu\text{g/kg}$ - S (solid)

(For tentatively identified compounds see Analytical Data Sheets in the appendixes)

[illegible]

SAMPLE DATA SUMMARY

Site Name: Wheeling-Pittsburgh Steel
TDD No.: 8201-10
EPA No.: WV-50
Date of Sample: 6-17-82

☒ ORGANIC

☐ INORGANIC

COMPOUNDS IDENTIFIED IN SAMPLE RESULTS

Concentrations in: ppb = $\mu\text{g/l}$ - L (aqueous); ppb = $\mu\text{g/kg}$ - S (solid)

(For tentatively identified compounds see Analytical Data Sheets in the appendixes)

[illegible]

SAMPLE DATA SUMMARY

Site Name: Wheeling-Pittsburgh steel
TDD No.: 8301-10
EPA No.: WV-50
Date of Sample: 6-17-82

☐ ORGANIC } COMPOUNDS IDENTIFIED IN SAMPLE RESULTS
☒ INORGANIC }

Concentrations in: ppb = $\mu\text{g/l}$ - L (aqueous); ppb = $\mu\text{g/kg}$ - S (solid)

(For tentatively identified compounds see Analytical Data Sheets in the appendixes)

[illegible]

ORIGINAL
(Red)

SECTION 5

ECOLOGY AND ENVIRONMENT, INC.
TOXICOLOGICAL ASSESSMENT
SITE: Wheeling-Pittsburg Steel
TDD NO.: F3-8201-10
EPA NO.: WV-50
DATE: September 29, 1982

AL
(1)

Based on review of Background Information, Site Observations and Laboratory Analytical Data, the following conclusions are indicated:

- ☒ There is no indication of an imminent or severe adverse toxicological impact to public health or the environment.
- ☐ There are possible indication(s) of potential adverse toxicological and/or environmental impact. A more comprehensive Site Investigation and Sampling Program is recommended.
- ☐ A review of the information presented herein is sufficient to indicate a potential adverse impact on human health and/or the environment. A Toxicological Impact Assessment is advised.

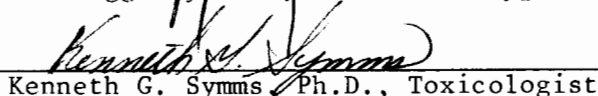
Samples of waste and surface water collected on 6/17/82 at this Wheeling-Pittsburgh Steel coal tar disposal site revealed the following:

- o No organics were detected above sample blank quantities in Mahan Run Creek flowing adjacent to the site area.
- o No inorganics at levels of toxicologic concern were noted in this creek.

The sample of the suspected coal tar reveals the presence of potentially carcinogenic polynuclear aromatic hydrocarbons that comprise coal tar. The known carcinogen, benzene, at 35,000 ug/l, and cyanide at 62,000 ug/l were detected in this sample.

Air readings up to 700 ppm on the OVA were noted after the waste was disturbed; however, no readings above background were detected initially. Since there appears to be no release of contaminants into the surface water and there are no groundwater targets, the only hazard associated with this site appears to be from inhalation if the waste is disturbed.


Gregg Crystall, Industrial Hygienist


Kenneth G. Symms, Ph.D., Toxicologist

ORIGINAL
(Red)

SECTION 6

ORIGINAL
(red)

APPENDIX A

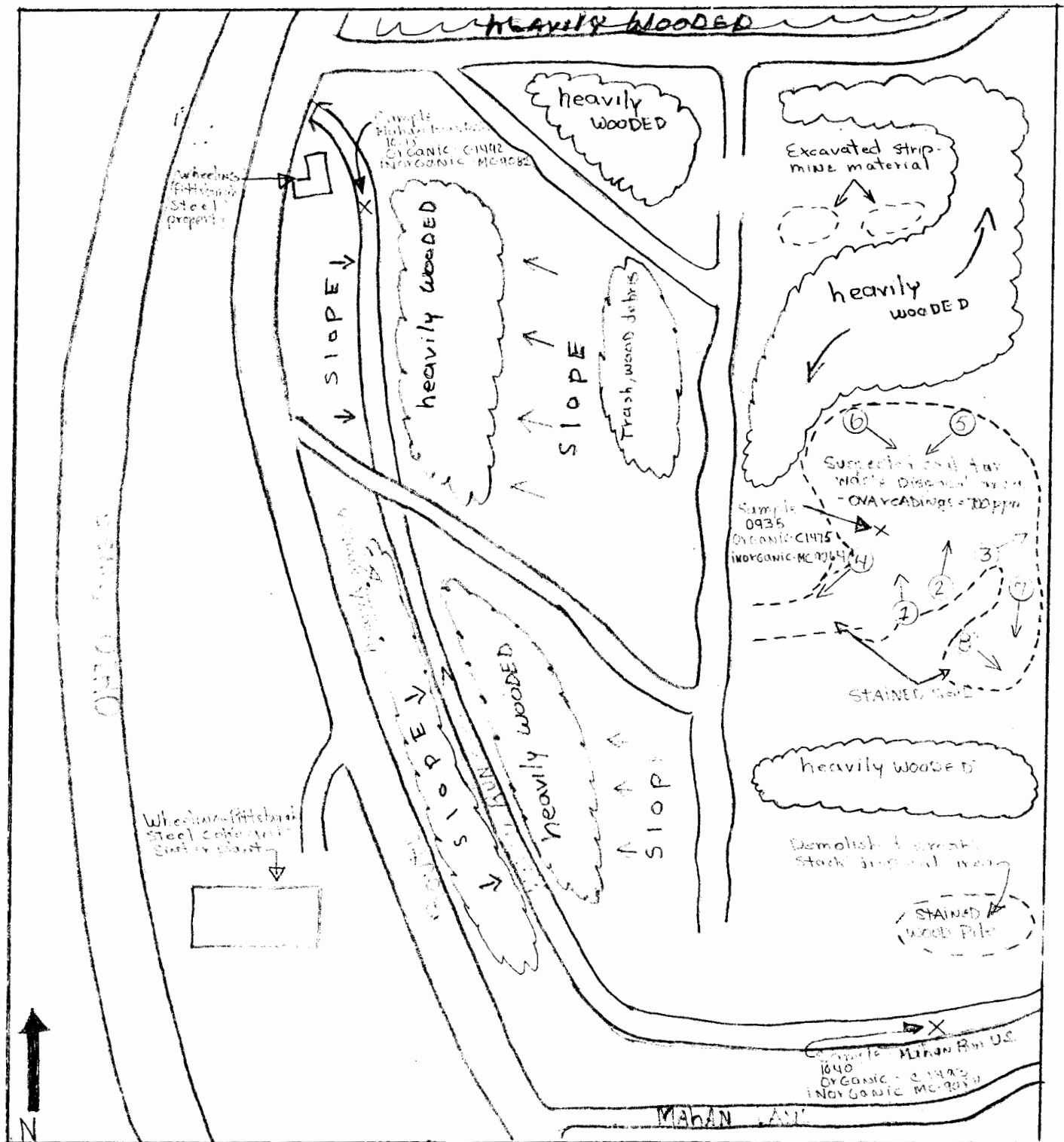
SITE NAME: Wheeling-Pittsburgh Steel

TDD NO.: 8201-10

EPA NO.: WV-50

TITLE: Sampling/Photograph locations

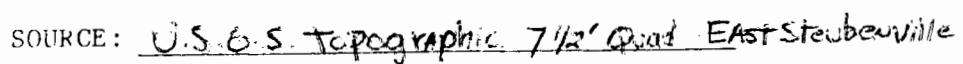
FIGURE NO. 6.2



SOURCE: Site Observations

SCALE: Not to scale

ORIGINAL
(204)



SCALE: 1:24000

SECTION 7

ORIGINAL

Wheeling-Pittsburg Steel
TDD No. F3-8201-10
EPA No. WV-50

PHOTOGRAPHIC LOG



Photo 1 - Facing North into disposal area.



Photo 2 - Facing North-East into disposal area.

Wheeling-Pittsburgh Steel

TDD No. F3-8201-10

EPA No. WV-50

Photographic Log

Wheeling-Pittsburgh Steel
TDD # 8201-10
EPA # WV-50
Suspected coal tar disposal area

ORIGINAL
(82)

6-17-82 Engral David

Wheeling-Pittsburgh Steel
TDD # - 8201-10
EPA # - WV-50
Suspected coal tar disposal area

Wheeling-Pittsburg Steel
TDD No. F3-8201-10
EPA No. WV-50
Photographic Log



Photo 3 - Facing East into disposal area.



Photo 4 - Facing South-West out of disposal area.

Wheeling-Pittsburg Steel

TDD No. F3-8201-10

EPA No. WV-50

PHOTOGRAPHIC LOG

Suspected cool for disposal area

6-15-82 E. J. [illegible]

Wheeling-Pittsburg Steel

TDD # - F3-8201-10

EPA # - WV-50

Suspected cool for disposal area

6-15-82 E. J. [illegible]

Wheeling-Pittsburg Steel
TDD No. F3-8201-10
EPA No. WV-50
Photographic Log



Photo 5 - Facing West-coal tar disposal area.

ORIGINAL
600



Photo 6 - Facing South-East at disposal area.

Wheeling-Pittsburg Steel
TDD No. F3-8201-10
EPA No. WV-50
Photographic Log

Wheeling-Pittsburg Steel
TDD # F3-8201-10
EPA # WV-50
Suspected coal tar disposal area

5-17-82 Earl Davis

Wheeling-Pittsburg Steel
TDD # F3-8201-10
EPA # WV-50
Suspected coal tar disposal area

1-26-17-82 Earl Davis

Wheeling-Pittsburg Steel
TDD No. F3-8201-10
EPA No. WV-50
Photographic Log

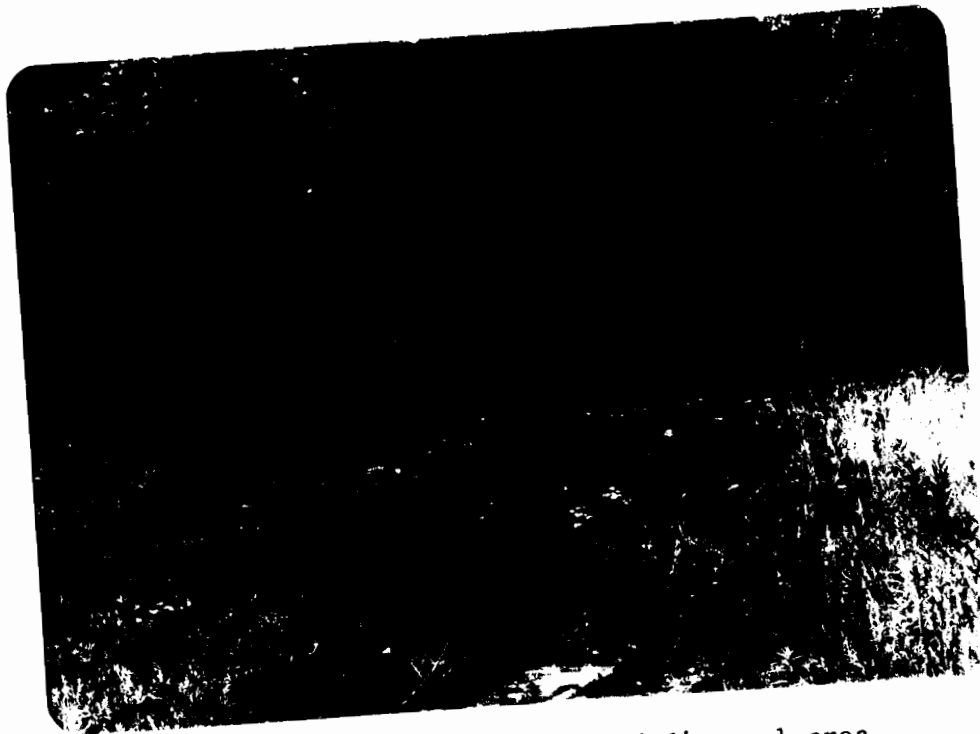


Photo 7 - Facing South out of disposal area.

ORIGINAL
(Red)



Photo 8 - Facing South-East away from disposal area.

Wheeling-Pittsburg Steel
TDD No. F3-8201-10
EPA No. WV-50
Photographic Log

Wheeling-Pittsburg Steel

TDD No. F3-8201-10

EPA No. WV-50

Suspected coal for disposal area

ORIGINAL
(Red)

6-17-80 Eugene Davis

Wheeling-Pittsburg Steel

TDD No. F3-8201-10

EPA No. WV-50

Suspected coal for disposal area

6-17-80 Eugene Davis